

Grundwasserstände



Birstal

Arlesheim

13.C.10

Widen

Abstichpunkt:

278.17

m ü.M.

OK Terrain:

277.67

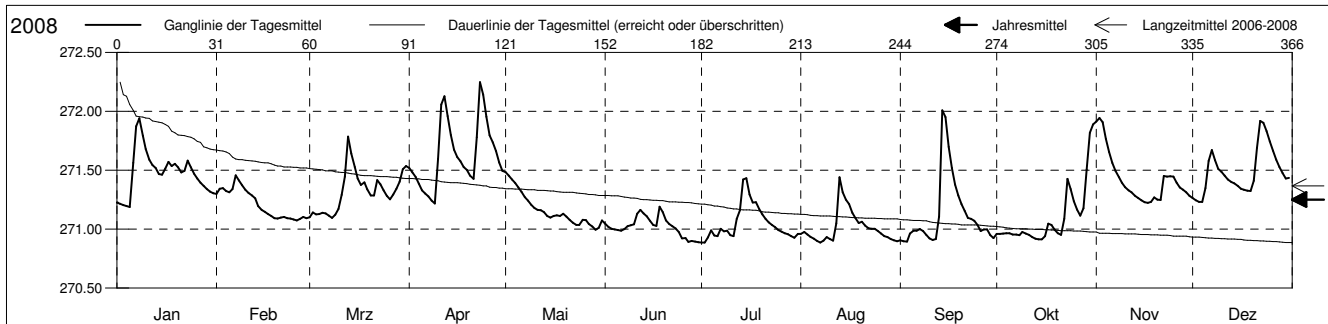
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

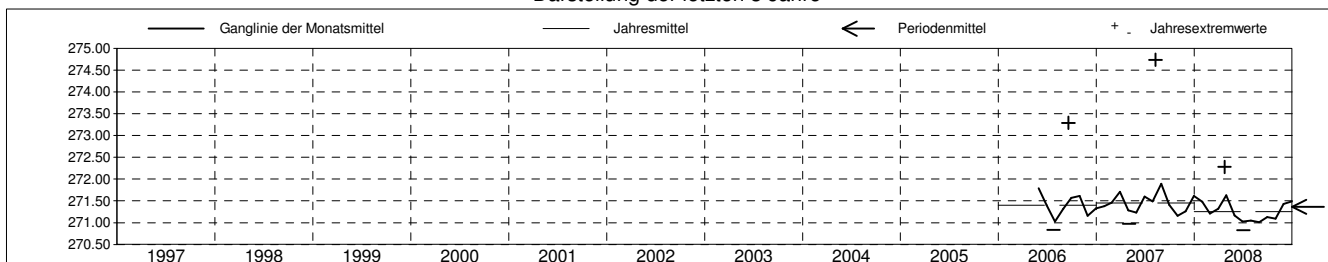
Koordinaten: 612843.00 / 261272.00

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	271.23	271.30	271.10 -	271.52	271.48 +	271.05	270.89 -	270.96	270.91	270.96	271.91	271.26	1	
2	271.21	271.34	271.14	271.48	271.45	271.02	270.89 -	270.98	270.90	270.96	271.94 +	271.24	2	
3	271.20	271.35	271.13	271.44	271.42	271.00	270.93	270.95	270.89 -	270.96	271.91	271.23 -	3	
4	271.20	271.32	271.13	271.39	271.39	271.00	270.99	270.94	270.96	270.97	271.77	271.23 -	4	
5	271.19 -	271.31	271.14	271.33	271.35	270.99	270.95	270.92	270.99	270.96	271.66	271.35	5	
Tagesmittel	6	271.56	271.34	271.13	271.30	271.32	270.99	270.94	270.90	270.99	271.56	271.58	6	
7	271.87	271.46 +	271.11	271.28	271.27	271.00	271.00	270.89 -	271.00	270.95	271.49	271.67	7	
8	271.94 +	271.41	271.10 -	271.24	271.24	271.02	270.98	270.90	270.98	270.95	271.44	271.58	8	
9	271.79	271.37	271.12	271.22 -	271.21	271.03	270.99	270.93	270.95	270.98	271.39	271.51	9	
10	271.68	271.34	271.17	271.59	271.18	271.04	270.95	270.92	270.92	270.96	271.36	271.49	10	
11	271.59	271.31	271.29	272.06	271.16	271.13	270.94	270.90	270.91	270.95	271.33	271.45	11	
12	271.54	271.29	271.44	272.13	271.16	271.16	271.09	271.05	270.92	270.93	271.31	271.42	12	
13	271.52	271.26	271.79 +	271.96	271.14	271.13	271.16	271.44 +	271.11	270.92	271.28	271.40	13	
14	271.47	271.20	271.64	271.80	271.11	271.11	271.42	271.31	272.01 +	270.91 -	271.26	271.39	14	
Max. +	15	271.46	271.16	271.53	271.67	271.10	271.07	271.43 +	271.25	271.95	270.91 -	271.24	271.37	15
16	271.51	271.15	271.43	271.61	271.11	271.04	271.29	271.21	271.70	270.94	271.23	271.34	16	
17	271.57	271.13	271.37	271.58	271.12	271.03	271.23	271.14	271.52	271.05	271.22 -	271.33	17	
18	271.54	271.11	271.40	271.53	271.11	271.19 +	271.23	271.09	271.38	271.04	271.23	271.33	18	
19	271.55	271.09	271.34	271.50	271.13	271.14	271.17	271.05	271.29	270.99	271.27	271.32	19	
Min. -	20	271.52	271.09	271.28	271.45	271.11	271.07	271.13	271.06	271.21	270.96	271.25	271.41	20
21	271.48	271.10	271.28	271.43	271.08	271.04	271.09	271.03	271.16	270.95	271.25	271.69	21	
22	271.49	271.10	271.42	271.78	271.05	271.03	271.06	271.01	271.10	271.09	271.45	271.92 +	22	
23	271.58	271.09	271.38	272.25 +	271.03	271.00	271.04	271.00	271.09	271.43	271.44	271.90	23	
24	271.52	271.09	271.33	272.14	271.03	270.98	271.02	271.00	271.07	271.34	271.45	271.83	24	
25	271.47	271.08	271.28	271.95	271.08	270.92	270.99	270.98	271.03	271.24	271.44	271.75	25	
26	271.43	271.07 -	271.25	271.80	271.08	270.92	270.98	270.96	270.98	271.17	271.39	271.67	26	
27	271.39	271.09	271.29	271.74	271.04	270.89 -	270.96	270.94	271.00	271.11	271.35	271.59	27	
28	271.37	271.10	271.34	271.66	271.02	270.90	270.96	270.93	271.00	271.18	271.33	271.53	28	
29	271.34	271.09	271.40	271.57	270.99 -	270.89 -	270.94	270.92	270.95	271.50	271.31	271.47	29	
30	271.32		271.51	271.49	271.01	270.89 -	270.93	270.90	270.93	271.82	271.28	271.43	30	
31	271.31		271.54		271.07		270.96	270.90		271.89 +		271.43	31	
Monatsmittel	271.48	271.21	271.32	271.63 +	271.16	271.02	271.05	271.01 -	271.13	271.09	271.43	271.49		
Maximum	272.01	271.48	271.82	272.28 +	271.50	271.23 -	271.55	271.49	272.17	271.90	271.98	271.95		
Datum	07.01	07.02	13.03	23.04	01.05	18.06	14.07	13.08	14.09	31.10	02.11	22.12		
Amplitude	0.86	0.45	0.77	1.10	0.55	0.38	0.72	0.64	1.31	1.03	0.81	0.77		
Jahr 2008	Mittel	271.25 m ü.M.		Maximum	272.28 (23.Apr)		Minimum	270.83 (03.Jul)		Amplitude		1.45 m		



2006 - 2008												
Monatsmittel	271.43	271.34	271.51 +	271.46	271.40	271.34	271.19 -	271.41	271.37	271.29	271.28	271.48
Maximum	272.01	271.86	272.50	272.28	272.29	272.20	271.82 -	274.73 +	273.29	272.62	271.98	272.26
Jahr	2008	2007	2007	2008	2006	2007	2007	2007	2006	2006	2008	2007
Minimum	271.00	271.03	271.05 +	271.00	270.96	270.85	270.83 -	270.85	270.85	270.88	271.02	271.01
Jahr	2007	2008	2008	2007	2008	2008	2008	2008	2008	2008	2006	2006
Amplitude	0.86	0.70 -	1.14	1.10	0.86	0.94	0.72	3.60 +	2.29	1.45	0.81	1.07
Jahr	2008	2007	2007	2008	2007	2007	2008	2007	2006	2006	2008	2007
Periode	Mittel	271.37 m ü.M.		Maximum	274.73 (09.Aug 2007)		Minimum	270.83 (03.Jul 2008)		Amplitude		3.90 m

Darstellung der letzten 3 Jahre



Grundwassertemperatur



Birstal

Arlesheim

13.C.10

Widen

Abstichpunkt:

278.17

m ü.M.

OK Terrain:

277.67

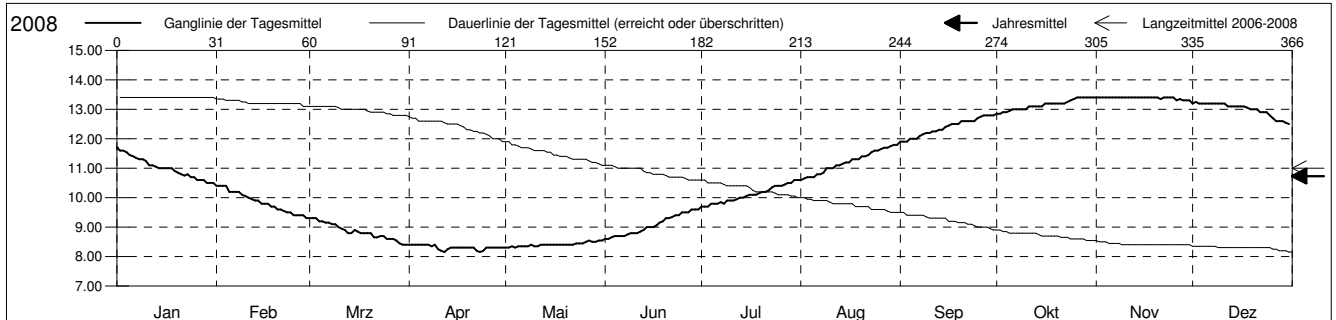
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

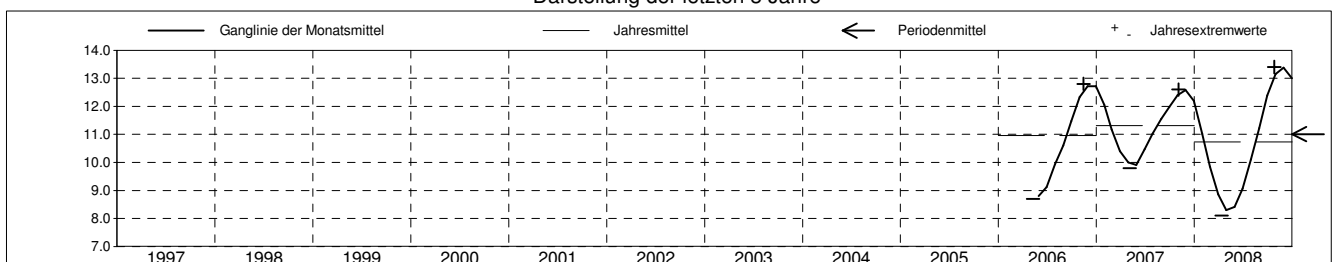
Koordinaten: 612843.00 / 261272.00

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember		
1	11.7 +	10.4 +	9.3 +	8.4 +	8.3 -	8.6 -	9.7 -	10.6 -	11.9 -	12.9 -	13.4 +	13.2	1	
2	11.6	10.4 +	9.3 +	8.4 +	8.3 -	8.6 -	9.7 -	10.6 -	11.9 -	12.9 -	13.4 +	13.3 +	2	
3	11.6	10.4 +	9.3 +	8.4 +	8.4	8.6 -	9.7 -	10.7	11.9 -	12.9 -	13.4 +	13.2	3	
4	11.6	10.4 +	9.2	8.4 +	8.3 -	8.7	9.8	10.7	12.0	12.9 -	13.4 +	13.2	4	
Tagesmittel	5	11.4	10.2	9.2	8.4 +	8.4	8.7	9.8	10.7	12.0	12.9 -	13.4 +	13.2	5
6	11.4	10.2	9.1	8.4 +	8.4	8.7	9.8	10.8	12.0	13.0	13.4 +	13.2	6	
7	11.4	10.2	9.1	8.4 +	8.4	8.7	9.9	10.8	12.1	13.0	13.4 +	13.2	7	
8	11.3	10.2	9.1	8.4 +	8.4	8.8	9.8	10.9	12.1	13.0	13.4 +	13.2	8	
9	11.3	10.1	9.1	8.4 +	8.4	8.8	9.9	11.0	12.2	13.0	13.4 +	13.2	9	
10	11.3	10.1	9.0	8.3	8.4	8.8	9.9	11.0	12.2	13.0	13.4 +	13.2	10	
11	11.1	10.0	8.9	8.2	8.4	8.8	9.9	11.0	12.3	13.1	13.4 +	13.2	11	
12	11.1	9.9	8.9	8.1 -	8.4	8.9	9.9	11.1	12.3	13.1	13.4 +	13.1	12	
13	11.1	9.9	8.8	8.3	8.4	8.9	10.0	11.1	12.3	13.1	13.4 +	13.1	13	
14	11.0	9.9	8.8	8.3	8.4	9.0	10.0	11.1	12.3	13.1	13.4 +	13.1	14	
Max. +	15	11.0	9.8	8.9	8.3	8.4	9.0	10.1	11.2	12.4	13.1	13.4 +	13.1	15
16	11.0	9.8	8.9	8.3	8.4	9.0	10.1	11.2	12.4	13.2	13.4 +	13.1	16	
17	11.0	9.8	8.8	8.3	8.4	9.1	10.1	11.3	12.5	13.2	13.4 +	13.1	17	
18	11.0	9.7	8.8	8.3	8.4	9.1	10.1	11.3	12.5	13.2	13.4 +	13.1	18	
19	10.9	9.7	8.8	8.3	8.4	9.2	10.1	11.3	12.5	13.2	13.4 +	13.0	19	
Min. -	20	10.9	9.6	8.8	8.3	8.4	9.3	10.2	11.4	12.6	13.4 +	13.0	20	
21	10.8	9.6	8.6	8.3	8.4	9.3	10.2	11.4	12.6	13.2	13.4 +	13.0	21	
22	10.8	9.6	8.6	8.2	8.4	9.4	10.3	11.4	12.6	13.2	13.4 +	12.9	22	
23	10.8	9.5	8.7	8.1 -	8.4	9.4	10.4	11.6	12.6	13.3	13.4 +	12.9	23	
24	10.7	9.5	8.7	8.2	8.4	9.4	10.4	11.6	12.6	13.3	13.4 +	12.9	24	
25	10.7	9.4	8.6	8.3	8.4	9.5	10.4	11.6	12.7	13.4 +	13.4 +	12.8	25	
26	10.6	9.4	8.6	8.3	8.5	9.5	10.4	11.6	12.8 +	13.4 +	13.3 -	12.7	26	
27	10.6	9.4	8.6	8.3	8.6 +	9.5	10.4	11.7	12.8 +	13.4 +	13.4 +	12.6	27	
28	10.6	9.4	8.6	8.3	8.5	9.6 +	10.5	11.7	12.8 +	13.4 +	13.3 -	12.6	28	
29	10.5 -	9.3 -	8.4 -	8.3	8.5	9.6 +	10.5	11.8 +	12.8 +	13.4 +	13.3 -	12.6	29	
30	10.5 -		8.4 -	8.3	8.6 +	9.6 +	10.6 +	11.8 +	12.8 +	13.4 +	13.3 -	12.6	30	
31	10.5 -		8.4 -		8.6 +		10.6 +	11.8 +		13.4 +		12.5 -	31	
Monatsmittel	11.0	9.9	8.9	8.3 -	8.4	9.1	10.1	11.2	12.4	13.1	13.4 +	13.0		
Maximum	11.7	10.4	9.3	8.4 -	8.6	9.6	10.6	11.8	12.8	13.4 +	13.4 +	13.3		
Datum	01.01	01.02	01.03	01.04	27.05	28.06	30.07	29.08	26.09	25.10	01.11	02.12		
Minimum	10.5	9.3	8.4	8.1 -	8.3	8.6	9.7	10.6	11.9	12.8	13.3 +	12.5		
Datum	29.01	29.02	29.03	12.04	01.05	01.06	01.07	01.08	01.09	01.10	21.11	30.12		
Amplitude	1.2	1.1	0.9	0.3	0.3	1.0	0.9	1.2	0.9	0.6	0.1	0.8		
Jahr 2008	Mittel	10.7 °C		Maximum	13.4 (25.Okt)		Minimum	8.1 (12.Apr)		Amplitude		5.3 °C		



2006 - 2008												
Monatsmittel	11.5	10.5	9.6	9.2	9.0 -	9.5	10.4	11.1	11.9	12.6	12.9 +	12.6
Maximum	12.5	11.7	10.7	10.1	10.0 -	10.8	11.3	11.8	12.8	13.4 +	13.4 +	13.3
Jahr	2007	2007	2007	2007	2007	2007	2007	2007	2008	2008	2008	2008
Minimum	10.5	9.3	8.4	8.1 -	8.3	8.6	9.5	10.2	11.0	12.0	12.5 +	11.7
Jahr	2008	2008	2008	2008	2008	2008	2006	2006	2006	2006	2007	2007
Amplitude	1.2 +	1.1	0.9	0.3	0.3	1.0	0.9	1.2 +	1.0	0.6	0.2 -	0.9
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2006	2006	2006	2007
Periode	Mittel	11.0 °C			Maximum	13.4 (25.Okt 2008)		Minimum	8.1 (12.Apr 2008)		Amplitude	5.3 °C

Darstellung der letzten 3 Jahre



Leitfähigkeit



Birstal

Arlesheim

Abstichpunkt:

OK Terrain:

13.C.10

278.17

277.67

Widen

m ü.M.

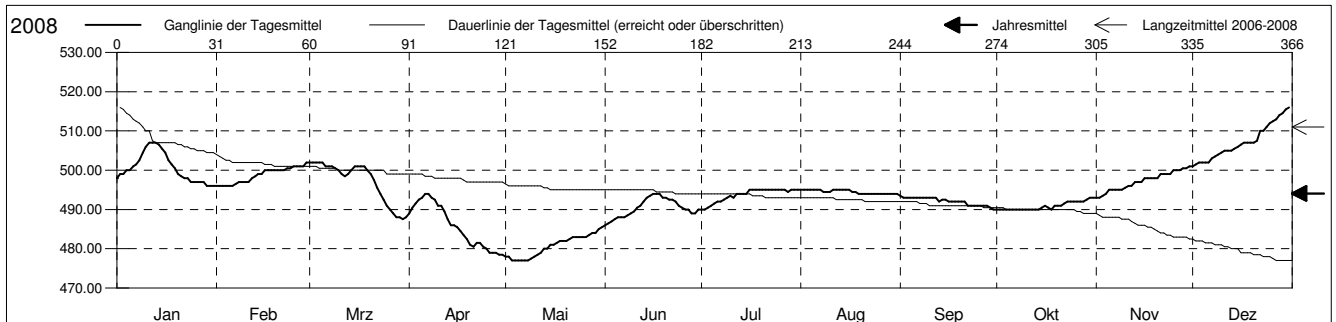
m ü.M.

Amt für Umweltschutz und Energie

Kanton Basel-Landschaft

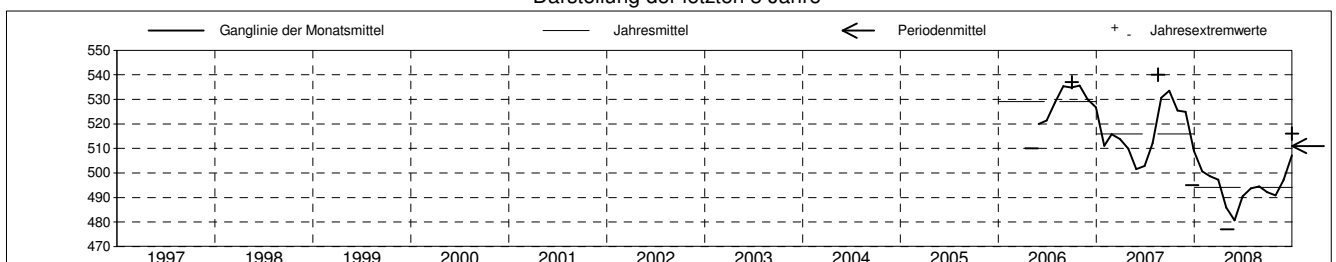
Koordinaten: 612843.00 / 261272.00

2008	Januar	Februar	März	April	Mai	Juni	Juli	August	September	Oktober	November	Dezember	
1	498	496 -	502 +	489	478	486 -	490 -	495 +	494 +	490 -	493 -	501 -	1
2	499	496 -	502 +	491	478	487	490 -	495 +	493	490 -	493 -	502	2
3	499	496 -	502 +	492	477 -	487	491	495 +	493	490 -	494	502	3
4	500	496 -	502 +	493	477 -	488	491	495 +	493	490 -	494	502	4
5	500	496 -	502 +	493	477 -	488	492	495 +	493	490 -	495	502	5
Tagesmittel													
6	501	496 -	501	494 +	477 -	488	492	495 +	493	490 -	495	502	6
7	502	497	501	494 +	477 -	488	492	495 +	493	490 -	495	503	7
8	503	497	501	493	477 -	489	493	495 +	493	490 -	495	504	8
9	505	497	501	493	478	489	493	495 +	493	490 -	495	504	9
10	506	497	500	491	478	490	494	495 +	493	490 -	496	505	10
11	507 +	497	499	491	479	491	493	495 +	493	490 -	496	505	11
12	507 +	498	499	490	479	491	494	495 +	493	490 -	496	505	12
13	507 +	499	499	488	480	492	494	495 +	492	490 -	497	505	13
14	507 +	499	500	486	480	493	494	495 +	493	490 -	497	506	14
15	506	499	501	486	481	494 +	494	495 +	493	491	497	506	15
Max. +													
16	505	500	501	486	481	494 +	495 +	495 +	492	491	498	507	16
17	503	500	501	485	482	494 +	495 +	495 +	492	491	498	507	17
18	502	500	501	484	482	494 +	495 +	495 +	492	490 -	498	507	18
19	501	500	500	483	482	493	495 +	494 -	492	491	498	507	19
20	499	500	499	481	482	493	495 +	494 -	492	491	498	507	20
Min. -													
21	499	500	498	481	483	493	495 +	494 -	492	491	499	508	21
22	498	500	496	482	483	493	495 +	494 -	491	492	499	510	22
23	498	501	494	482	483	492	495 +	494 -	491	492	499	510	23
24	497	501	493	481	483	491	495 +	494 -	491	492	499	511	24
25	497	501	491	480	483	491	495 +	494 -	491	492	500	512	25
26	497	501	490	479 -	483	490	495 +	494 -	491	492	500	513	26
27	497	501	489	479 -	484	490	495 +	494 -	491	492	500	513	27
28	497	501	488 -	479 -	484	489	495 +	494 -	491	492	501 +	514	28
29	496 -	502 +	488 -	479 -	484	489	495 +	494 -	491	493 +	501 +	515	29
30	496 -		488 -	479 -	485	490	495 +	494 -	490 -	493 +	501 +	516 +	30
31	496 -		488 -		486 +		495 +	494 -		493 +		516 +	31
Monatsmittel	501	499	497	486	481 -	490	494	495	492	491	497	507 +	
Maximum	507	502	502	494	486 -	494	495	495	494	493	501	516 +	
Datum	11.01	29.02	01.03	06.04	31.05	15.06	16.07	01.08	01.09	29.10	28.11	30.12	
Minimum	496	496	487	478	477 -	486	490	494	490	490	493	501 +	
Datum	29.01	01.02	30.03	29.04	03.05	01.06	01.07	08.08	29.09	01.10	01.11	01.12	
Amplitude	11	6	15	16	9	8	5	1	4	3	8	15	
Jahr 2008	Mittel	494		Maximum	516 (30.Dez)		Minimum	477 (03.Mai)		Amplitude	39		



Periode	2006 - 2008											
Monatsmittel	506	507	506	498 -	501	505	511	520 +	520 +	517	517	514
Maximum	524	519	519	516 -	523	523	534	540 +	539	537	532	529
Jahr	2007	2007	2007	2007	2006	2006	2006	2007	2007	2006	2006	2006
Minimum	496 +	496 +	487	478	477 -	486	490	494	490	490	493	495
Jahr	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	2007
Amplitude	17	11	15	16	13	8	11	26	11	5 -	8	30 +
Jahr	2007	2007	2008	2007	2006	2008	2006	2007	2007	2006	2008	2007
Periode	Mittel	511		Maximum	540 (19.Aug 2007)		Minimum	477 (03.Mai 2008)		Amplitude	63	

Darstellung der letzten 3 Jahre



Grundwasserspiegel im Birstal

Station 13.C.10 Arlesheim

OPK 201475

OK. Abstich

278.17 m ü.M.

OK. Terrain

277.67 m ü.M.

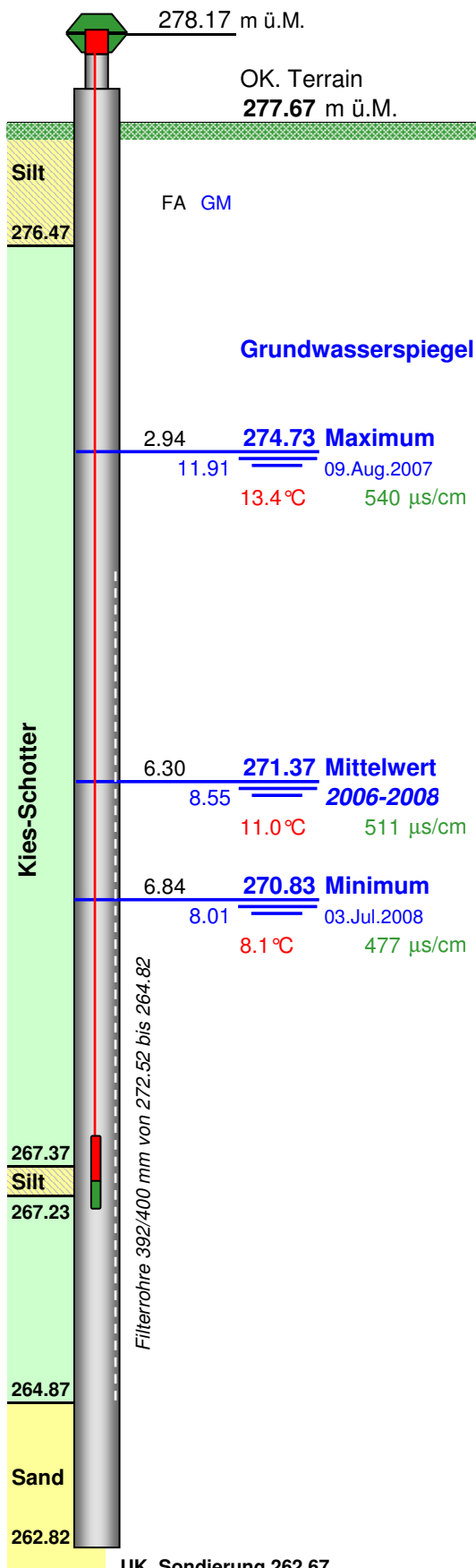
Widen

Koordinaten: 612'843 / 261'272

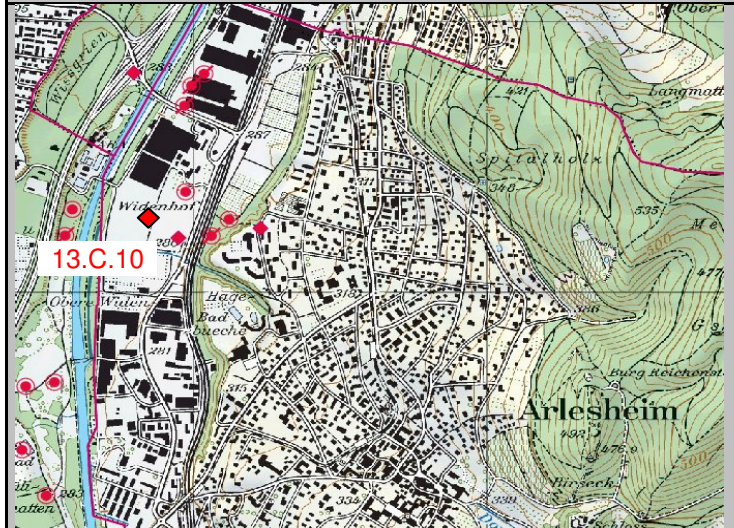
Messwerte: Grundwasserspiegel

Temperatur

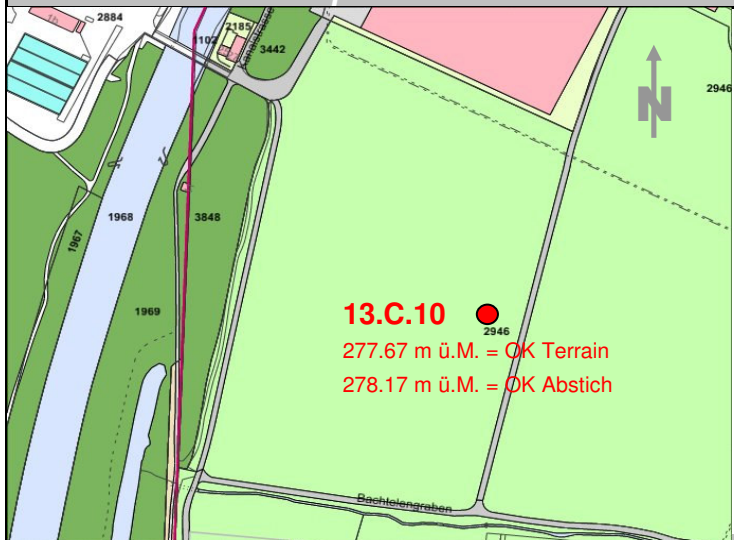
Leitfähigkeit



Kartenausschnitt Arlesheim



Situationsplan Arlesheim



UK. Sondierung 262.67

FA= Flurabstände

GM= Grundwassermächtigkeit in m